

Identity

Poly methyl Methacrylate

AIB, 7, 5/12

Source

Indefinite

Age

Indefinite

Notes

Identity established by [redacted] as

C

Polymethyl methacrylate with the possibility of a few percent of cross linked esters in addition to polymethylmethacrylate.

Identification was made on basis of

- (1) infra red spectrum (submitted with this report, (2) elemental analysis C 60.53% H 7.93% (3) density 1.19 @ 25°C. (4) Softening point ca 130°C and (5) Solubility in sulfuric acid and ethyl acetate.

Source This resin is produced in U.S. Work has been done on it in many foreign countries. [redacted] has raw materials from other processes (by-products) which make it more economical to manufacture than in [redacted] where work has been done on the substance.

H-B/3

The casting resembles products made in [redacted]. Several subjective opinions were rendered to the effect that its composition and appearance might lead one to believe that this was its origin.